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Approved For Release 2000/08/04 : CIA-RDP78T05439A000200400036-0

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Declassification review by NIMA/DOD

TCS No. 4587/63-KH
IB No. 285/63
17 October 1963
Copy 1 of 2

MEMORANDUM FOR: Chief, Military-Economic Division, ORR

ATTENTION : [REDACTED] 25X1A

THROUGH : Chief, Requirements Branch, Reconnaissance Group, CGS

FROM : Chief, CIA/PID (NPIC)

SUBJECT : Moscow Airframe Plant #30
Moscow/Fili Airframe Plant #23

REFERENCE : (1) ORR Requirement No. RR/356/62, dated 5 December 1962
CIA/PID Project No. C 1239/62
(2) ORR Requirement No. C-RR3-80,373, dated 12 July 1963
CIA/PID Project No. C 984/63

1. This memorandum is in answer to referenced requirements concerning Moscow Airframe Plant #30 and Moscow/Fili Airframe Plant #23.

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25X1D. This is a comparison study based on [REDACTED]

[REDACTED] The line drawings (Figures #4 and #6) have been constructed from [REDACTED] and then updated to show new construction and changes contained on KEYHOLE Mission [REDACTED]. The new construction and changes are indicated in the key to annotations furnished for Figure #4 and Figure #6. The following paragraphs contain the location and description of each plant's facilities.

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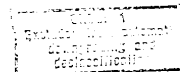
3. Moscow/Fili Airframe Plant #23 is located in the western part of Moscow in a bend of the Moscow River at coordinates 55° 45' 20"N/37° 29' 30"E. The airframe plant is adjacent to Fili Airfield (See Figure #1) and is served by roads and rail spurs. The [REDACTED] covering this area shows Moscow/Fili Airframe Plant containing approximately [REDACTED] square feet of floorspace including two buildings which were under construction (Figure #4, Annotations #6 and #9). [REDACTED] shows that in addition to these two buildings being complete a machine shop/workshop building had been erected at Annotation #8 (Figures #3 and #4) with another shop building under construction at Annotation #5. These two buildings (Annotations #5 and #8, Figure #4) provided an additional 383,100 square feet of floorspace, making the [REDACTED] square feet.

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SUBJECT: Moscow Airframe Plant #30
Moscow/Fili Airframe Plant #23

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KEYHOLE photography over this area from Mission [REDACTED] (Figures #2 and #3) shows the construction of two new buildings which are, Annotation #1 (Figure #4) a sub-assembly/machine shop containing approximately 189,800 square feet of floorspace and Annotation #7 (Figure #4) a workshop containing approximately 40,300 square feet of floorspace. Including these two additions the [REDACTED] space estimate for Moscow/Fili Airframe Plant #23 is approximately [REDACTED] square feet. All buildings have been included in this total, however only major buildings have been included on Figure #4 and annotated.

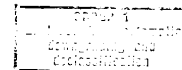
4. Moscow Airframe Plant #30 is located in the western part of Moscow north of the Moscow River and northeast of Moscow/Fili Airframe Plant #23. The coordinates are 55° 47' 05"N/37° 33' 06"E (See Figures #1 and #2). Moscow Airframe Plant #30 is adjacent to Moscow Central Airfield and Moscow Airframe Plant #381, which will be included in this report as part of Airframe Plant #30. The area of Plant #30 is served by roads and rail spurs. The [REDACTED] covering this area shows Moscow Airframe Plant #30 and the area known as Airframe Plant #381 containing approximately 2,087,505 square feet of floorspace. KEYHOLE photography over this area from Mission [REDACTED] shows seven additions in the area of Plant #30 and one addition in the area of Plant #381. These additions are shown on Figure #6 by the broken lines and are identified as follows, Annotation #1, an extension of the final assembly building (66,500 square feet), Annotations #2, #4 and #7, additions to the sub-assembly/machine shop building (208,650 square feet), Annotation #3, possible storage building (23,100 square feet), Annotations #5 and #6, workshops and Annotation #34 an extension of the administration building at Plant #381. These additions provide approximately 444,050 square feet of floorspace making the [REDACTED] floorspace estimate approximately 2,531,555 square feet for this installation. All buildings have been included in this total, however only major buildings have been annotated and included on Figure #6.

5. The information contained in this memorandum completes the referenced requirements. The photo analyst on this project is [REDACTED] who may be contacted on extension 2546 should you have further questions concerning this project.

ENCLOSURES:

- 1 Annotated Orientation Map (CIA/PID/IB-P-648/ [REDACTED])
- 1 Photo Mosaic (CIA/PID/IB-P-649/63)
- 2 Annotated Photo Enlargements (CIA/PID/IB-P-650/63 and P-652/63)
- 2 Line Drawings (CIA/PID/IB-P-651/63 and P-653/63)
- 2 Key to Annotations

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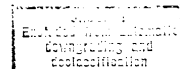
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KEY TO ANNOTATIONS: Moscow/Fili Airframe Plant #23 (Figures #3 and #4)

1. Sub-assembly/Machine Shop - 730' x 260' - 189,800 square feet
2. Two Storage Buildings - 20,450 square feet
3. Hangar - 57,250 square feet
4. Hangar - 29,400 square feet
5. Machine Shop/Workshop - 136,300 square feet
6. Machine Shop/Workshop - 224,800 square feet
7. Workshop - 40,300 square feet
8. Machine Shop/Workshop - 246,800 square feet
9. Machine Shop/Workshop - 57,840 square feet
10. Machine Shop/Workshop - 47,250 square feet
11. Final Assembly - height 105', 480' x 400' - 192,000 square feet
12. Sub-assembly - 341,250 square feet
13. Possible Final Assembly - 940' x 260' - 244,400 square feet
14. Sub-assembly/Machine Shop - 348,000 square feet
15. Machine Shop/Workshop - 110,250 square feet
16. Machine Shop - 30,450 square feet
17. Machine Shop/Workshop - 63,875 square feet
18. Possible Foundry - 54,250 square feet
19. Workshop - 32,900 square feet
20. Workshop - 35,525 square feet
21. Machine shop/Workshop - 110,475 square feet
22. Two Storage Buildings - 29,100 square feet
23. Administration/Storage - [REDACTED]
24. Workshop - 29,400 square feet
25. Warehouse - 32,550 square feet
26. Administration - 93,650 square feet

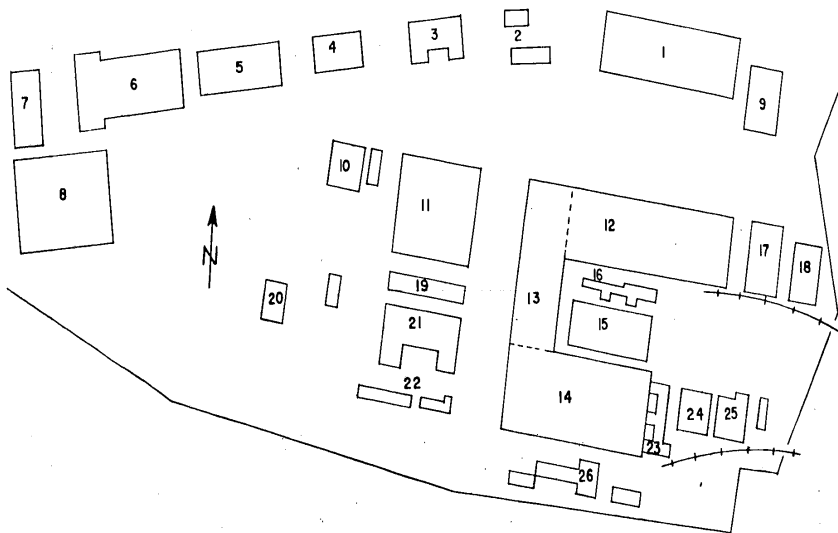
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KEY TO ANNOTATIONS: Moscow Airframe Plant #30 (Figures #5 and #6)

1. Final Assembly - Approximate height 75', 800' x 175' - 140,000 square feet
2. Addition to Sub-assembly/Machine Shop - See Annotation #8
3. Possible Storage Building - 23,100 square feet
4. Addition to Sub-assembly/Machine Shop - See Annotation #8
5. New Workshop - 62,400 square feet
6. New Workshop - 62,400 square feet
7. Addition to Sub-assembly/Machine Shop - [REDACTED] square feet 25X1D
8. Sub-assembly/Machine Shop - [REDACTED] square feet 25X1D
9. Sub-assembly/Machine Shop - [REDACTED]
10. Workshop/Warehouse - 50,940 square feet
11. Workshop/Warehouse - 57,200 square feet
12. Workshop - 21,000 square feet
13. Workshop - 8,685 square feet
14. Workshop - [REDACTED] square feet 25X1D
15. Workshop - [REDACTED] square feet
16. Workshop - [REDACTED] square feet
17. Two Storage Buildings - 15,600 square feet
18. Workshop - 26,650 square feet
19. Workshop/Administration Building - [REDACTED] square feet 25X1D
20. Administration Building - 24,920 square feet
21. Workshop - 39,250 square feet
22. Warehouse - 31,825 square feet
23. Administration Building - [REDACTED] square feet 25X1D

Moscow Airframe Plant #381

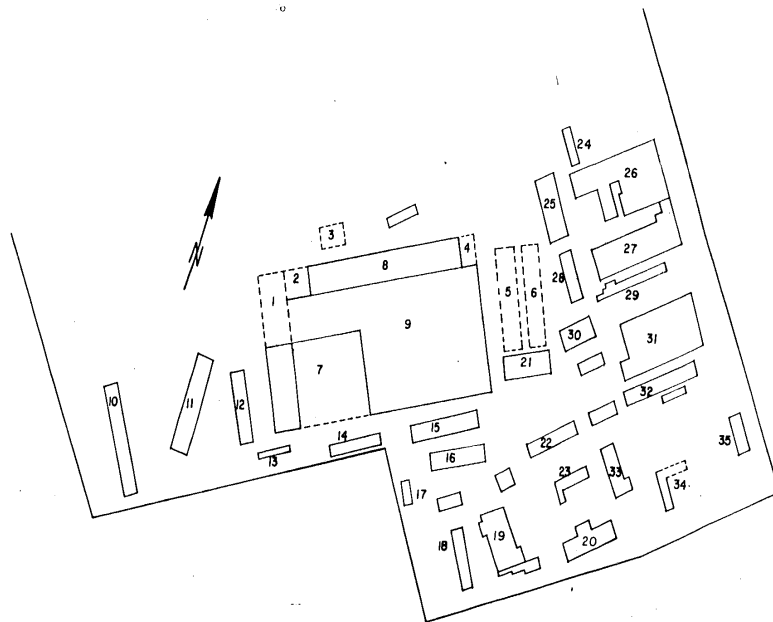
24. Storage Building - 10,500 square feet
25. Workshop - 24,700 square feet
26. Sub-assembly/Possible Final Assembly - [REDACTED] square feet 25X1D
27. Machine Shop/Workshop - 117,100 square feet
28. Workshop - 21,200 square feet
29. Workshop - 23,800 square feet
30. Workshop - 20,900 square feet
31. Machine Shop/Workshop - [REDACTED] square feet 25X1D
32. Warehouse - 29,900 square feet
33. Workshop - 23,715 square feet
34. Administration (Multi-story) 42,000 square feet
35. Storage Building - 14,700 square feet

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FIGURE 10 - LINE DRAWING OF BLOOD ANALYSIS TEST #10



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